### PAGE 1 OF 2

# APPLICATION FOR UNITED STATES PATENT DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56;

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

TA STATE OF THE ST		
THE OF INVENTION:		
MULTICORE DSP DEVICE HA	AVING COUPLED SUBSYSTEM MEMORY BUSES	FOR GLOBAL DMA ACCESS
1	T THE FOLLOWING ATTORNEYS TO PROSECUTE	
BUSINESS IN THE	PATENT AND TRADEMARK OFFICE CONNECTED	THEREWITH
	Practitioners at Customer Number: 23494	
SEND CORRESPONDENCE TO:		DIRECT TELEPHONE CALLS TO:
Robert D. Marshall, Jr. Texas Instruments Incorporated		Robert D. Marshall, Jr.
P.O. Box 655474, MS 3999 Dallas, TX 75265		(972) 917-5290
NAME OF INVENTOR: (1)	NAME OF INVENTOR: (2)	NAME OF INVENTOR: (3)
Jay B. REIMER	Harland Glenn HOPKINS	Tat H. NGUYEN
RESIDENCE & POST OFFICE ADDRESS:	RESIDENCE & POST OFFICE ADDRESS:	RESIDENCE & POST OFFICE ADDRESS:
12615 Hunting Briar	3606 Golden Tee Lane	3226 Ashfield Drive
Houston, Texas 77099	Missouri City, Texas 77459	Houston, Texas 77082
COUNTRY OF CITIZENSHIP:	COUNTRY OF CITIZENSHIP:	COUNTRY OF CITIZENSHIP:
U.S.A.	U.S.A.	U.S.A.
SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR:
Jay 6 Kejan	A. Dlem Hopkin	Tayrigh
DATE: /24/01	DATE: 8/24/01	DATE: 8/24/2001

## PAGE 2 OF 2

NAME OF INVENTOR:	(4)	NAME OF INVENTOR:	(5)	NAME OF INVENTOR:	(6)
Yi LUO		Kevin A. McGONAGLE		Jason A. JONES	
RESIDENCE & POST OFFICE ADDRESS:		RESIDENCE & POST OFFICE ADDRESS:		RESIDENCE & POST OFFICE ADDRESS:	
12840 Kirkwood Street, Apt. 324 Stafford, Texas 77477		8511 Westbrook Forest Drive Sugarland, Texas 77479		6403 Del Monte #219 Houston, Texas 77057	
COUNTRY OF CITIZENSHIP:		COUNTRY OF CITIZENSHIP:		COUNTRY OF CITIZENSHIP:	
New Zealand		U.S.A.		U.S.A.	
SIGNATURE OF INVENTOR:		SIGNATURE OF INVENTOR:		SIGNATURE OF INVENTOR:	
fred?		Kein 3- Souple		Jon Jan	
DATE: 8/24/01		DATE: 8/24/61		BATE: 8/35/61	

NAME OF INVENTOR:	(7)	NAME OF INVENTOR:	(8)	NAME OF INVENTOR:	(9)
Duy Q. NGUYEN		Patrick J. SMITH		XXX	
RESIDENCE & POST OFFICE ADDRESS:		RESIDENCE & POST OFFICE ADDRESS:		RESIDENCE & POST OFFICE ADDRESS:	
5918 Brook Bend Drive Sugarland, Texas 77479		3222 Newcastle Drive Houston, Texas 77027		Address City, State Zıp	
GOUNTRY OF CITIZENSHIP:		COUNTRY OF CITIZENSHIP:		COUNTRY OF CITIZENSHIP:	
U.S.A.		Canada		XXX	
SIGNATURE OF INVENTOR:		SIGNATURE OF INVENTOR:		SIGNATURE OF INVENTOR:	
DATE:		DATE: 8/30/01		DATE:	

(10)	NAME OF INVENTOR:	(11)	NAME OF INVENTOR:	(12)
App lys.	XXX  RESIDENCE & POST OFFICE ADDRESS:		XXX  RESIDENCE & POST OFFICE ADDRESS:	<u></u>
	Address City, State Zip		Address City, State Zip	
	COUNTRY OF CITIZENSHIP:		COUNTRY OF CITIZENSHIP:	
	XXX		XXX	
	SIGNATURE OF INVENTOR:		SIGNATURE OF INVENTOR:	
	DATE:		DATE:	·
	(10)	XXX  RESIDENCE & POST OFFICE ADDRESS:  Address City, State Zip  COUNTRY OF CITIZENSHIP:  XXX  SIGNATURE OF INVENTOR:	XXX  RESIDENCE & POST OFFICE ADDRESS:  Address City, State Zip  COUNTRY OF CITIZENSHIP:  XXX  SIGNATURE OF INVENTOR:	XXX  RESIDENCE & POST OFFICE ADDRESS:  Address City, State Zip  COUNTRY OF CITIZENSHIP:  XXX  SIGNATURE OF INVENTOR:  XXX  XXX  XXX  XXX  XXX  XXX  SIGNATURE OF INVENTOR:

#### PAGE 1 OF 2

## APPLICATION FOR UNITED STATES PATENT DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56;

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Hardware Company of the Company of t		
TITLE OF INVENTION:		
TITLE OF INVENTION:  MULTICORE DSP DEVICE HA	AVING COUPLED SUBSYSTEM MEMORY BUSES	FOR GLOBAL DMA ACCESS
POWER OF ATTORNEY: I HEREBY APPOINT BUSINESS IN THE F	THE FOLLOWING ATTORNEYS TO PROSECUTE PATENT AND TRADEMARK OFFICE CONNECTED Practitioners at Customer Number: 23494	
	ractitioners at Customer Pumber. 29 19 1	
SEND CORRESPONDENCE TO:		DIRECT TELEPHONE CALLS TO:
Robert D. Marshall, Jr. Texas Instruments Incorporated P.O. Box 655474, MS 3999 Dallas, TX 75265		Robert D. Marshall, Jr. (972) 917-5290
NAME OF INVENTOR: (1)	NAME OF INVENTOR: (2)	NAME OF INVENTOR. (3)
Jay B. REIMER	Harland Glenn HOPKINS	Tat H. NGUYEN
RESIDENCE & POST OFFICE ADDRESS:	RESIDENCE & POST OFFICE ADDRESS.	RESIDENCE & POST OFFICE ADDRESS.
12615 Hunting Briar Houston, Texas 77099	3606 Golden Tee Lane Missouri City, Texas 77459	3226 Ashfield Drive Houston, Texas 77082
COUNTRY OF CITIZENSHIP:	COUNTRY OF CITIZENSHIP:	COUNTRY OF CITIZENSHIP:
U.S.A.	U.S.A.	U.S.A.
SIGNAȚURE OF INVENȚOR:	SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR:
Lay & Keigan	H. Dlem Hopkin	Tanguy
DATE: /24/01	DATE: 8/2HOI	DATE: 8/24/2001

## PAGE 2 OF 2

NAME OF INVENTOR. (4)	NAME OF INVENTOR: (5)	NAME OF INVENTOR:	(6)
Yı LUO	Kevin A. McGONAGLE	Jason A. JONES	
RESIDENCE & POST OFFICE ADDRESS:	RESIDENCE & POST OFFICE ADDRESS:	RESIDENCE & POST OFFICE ADDRESS.	
12840 Kirkwood Street, Apt. 324	8511 Westbrook Forest Drive	6403 Del Monte #219	
Stafford, Texas 77477	Sugarland, Texas 77479	Houston, Texas 77057	
COUNTRY OF CITIZENSHIP.	COUNTRY OF CITIZENSHIP.	COUNTRY OF CITIZENSHIP:	
COOMINI OF CHIEZAOIM.			
New Zealand	U.S.A.	U.S.A. SIGNATURE OF INVENTOR:	
SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR:	
Lierz.	Ken 3- Souse	Jon Jan	
DATE: 2 /- // /	DATE:	DATE: D/2//	
8/24/01	8/24/01	8/36/61	-
NAME OF INVENTOR. (7)	NAME OF INVENTOR: (8)	NAME OF INVENTOR:	(9)
	NAME OF INVENTOR: (6)	NAME OF INVENTOR	(2)
Duy Q. NGUYEN	Patrick J. SMITH	XXX	
TESIDENCE & POST OFFICE ADDRESS:	RESIDENCE & POST OFFICE ADDRESS:	RESIDENCE & POST OFFICE ADDRESS:	
5018 Brook Brook Brook	3222 Newcastle Drive	Address	
Surarland, Texas, 77479	Houston, Texas 77027	City, State Zip	
ANSTIN TX 78732	COUNTRY OF CITIZENSHIP:	COUNTRY OF CITIZENSHIP:	
COUNTRY OF CITIZENSHIP:	Georgia of Gridding		
U.S.A.	Canada	XXX	
SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR:	
X Dufer	Part DM		
DATE:	DATE PLO	DATE:	
10/29/01	8/30/0		
LANCE OF DIVIDITION (10)	NAME OF INVENTOR. (11)	NAME OF INVENTOR:	(12)
NAME OF INVENTOR: (10)	NAME OF INVENTOR.	TATURE OF THAT EAT ON	(12)
XXX	XXX	XXX	
RESIDENCE & POST OFFICE ADDRESS:	RESIDENCE & POST OFFICE ADDRESS:	RESIDENCE & POST OFFICE ADDRESS.	
	Adlan	Address	
Address City, State Zip	Address City, State Zip	City, State Zip	
Str) State 2.p			
COUNTRY OF CITIZENSHIP:	COUNTRY OF CITIZENSHIP:	COUNTRY OF CITIZENSHIP:	
U.S.A.	XXX	XXX	
SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR:	
DATE:	DATE:	DATE:	
D. 112.			